

WASHINGTON AGRICULTURAL CHEMICAL USAGE RASPBERRIES

2001 Crop



United States
Department
of Agriculture

National Agricultural
Statistics Service

August 2002

Raspberries

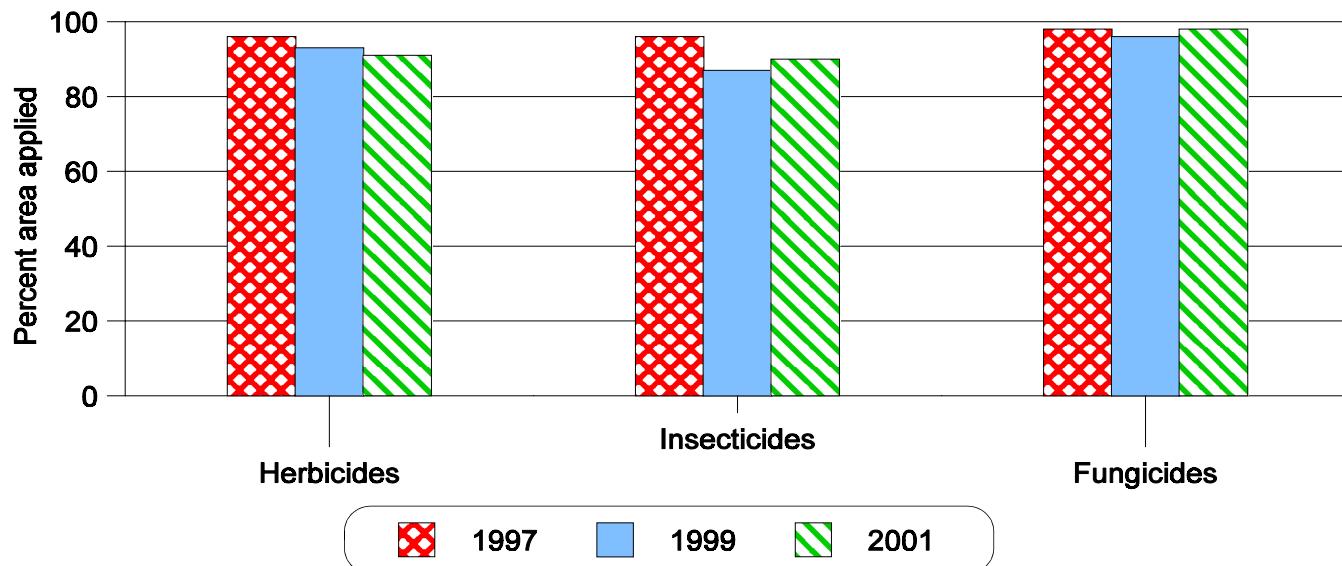
Two states were surveyed for raspberries in 2001: Oregon and Washington. Surveyed acreage totaled 13,400 bearing acres. Washington was the largest state surveyed for raspberries and accounted for 71 percent of the acreage.

Raspberries: Pesticide Applications, Bearing Acreage and Percentage Receiving Applications, Major States and Total, 1999 and 2001

State	Bearing Acreage		Area Receiving							
			Herbicide		Insecticide		Fungicide		Other Chemicals	
	1999	2001	1999	2001	1999	2001	1999	2001	1999	2001
	Acres		Percent							
Oregon	4,100	3,900	85	85	75	57	95	85	1/	1/
Washington	9,500	9,500	93	91	87	90	96	98	1/	1/
TOTAL	13,600	13,400	91	89	83	81	96	94	14	16

1/ Insufficient reports to publish data for other chemicals.

Raspberries: Ag Chemical Applications, Washington



Raspberries: Agricultural Chemical Applications, Washington, 1999 and 2001 1/

Agricultural Chemical 2/	Area Applied		Applications		Rate Per Application		Rate Per Crop Year		Total Applied	
	1999	2001	1999	2001	1999	2001	1999	2001	1999	2001
Percent		Number		Pounds Per Acre				1,000 Lbs.		
Herbicides:										
Diuron	34	26	1.0	1.0	0.62	0.79	0.62	0.80	2.0	2.0
Norflurazon	6	5	1.0	1.0	1.04	0.83	1.04	0.83	0.6	0.4
Oryzalin	25	9	1.0	1.0	1.08	1.73	1.08	1.85	2.6	1.5
Oxyfluorfen	79	78	1.0	1.1	0.10	0.11	0.10	0.12	0.8	0.9
Paraquat	82	72	1.1	1.9	0.31	0.40	0.34	0.78	2.7	5.3
Simazine	48	49	1.0	1.0	0.61	0.74	0.61	0.81	2.8	3.7
Insecticides:										
Bt (Bacillus thur.) 3/	54	44	2.3	2.3						
Bifenthrin	74	84	1.0	1.3	0.10	0.11	0.10	0.15	0.7	1.2
Diazinon	69	64	1.8	1.0	1.01	0.98	1.81	1.01	11.9	6.2
Malathion	34	44	1.0	1.3	1.04	1.02	1.04	1.35	3.4	5.6
Fungicides:										
Benomyl	46	20	1.0	1.0	0.49	0.50	0.53	0.50	2.3	1.0
Calcium polysulfide	65	28	1.0	1.0	8.84	8.10	8.84	8.45	54.7	22.2
Captan	93	93	4.1	4.3	1.37	1.50	5.72	6.56	50.8	57.7
Copper hydroxide	-	48	-	1.2	-	0.81	-	1.00	-	4.5
Copper sulfate	54	-	1.0	-	2.09	-	2.09	-	10.7	-
Cyprodinil	91	79	2.6	2.8	0.32	0.28	0.84	0.80	7.3	6.0
Fludioxonil	91	79	2.6	2.8	0.22	0.19	0.56	0.53	4.9	4.0
Iprodione	-	8	-	1.0	-	0.63	-	0.63	-	0.5
Mefenoxam	21	8	1.0	1.4	0.40	0.78	0.40	1.11	0.8	0.8

Note: Data may not multiply across due to rounding.

1/ Bearing acres in 1999 and 2001 for Washington were 9,500 acres.

2/ Insufficient reports to publish data for the following agricultural chemicals: 1999; **Herbicides:** Dichlobenil, Sethoxydim. 2001; **Herbicides:** 2, 4-D, Dichlobenil, Glyphosate, Sethoxydim, Triclopyr. 1999; **Insecticides:** Dicofol, Esfenvalerate, Fenamiphos, Fenbutatin-oxide. 2001; **Insecticide:** Azadirachtin, Azinphos-methyl, Dicofol, Esfenvalerate, Fenamiphos, Fenbutatin-oxide, Methomyl, Petroleum distillate. 1999; **Fungicides:** Chlorothalonil, Copper hydroxide, Ferbam, Iprodione, Metalaxyl, Propiconazole, Sulfur, Vinclozolin. 2001; **Fungicides:** Copper sulfate, Fenhexamid, Fosetyl-al, Metalaxyl, Myclobutanil, Sulfur. 1999; **Other Chemicals:** Monocarbamide dihyd. 2001; **Other Chemicals:** Harpin protein, Metaldehyde.

3/ Rates and total applied are not available because amounts of active ingredient are not comparable between products.